1910.

THE ANNUAL REPORT

OF THE

Medical Officer of Health

FOR THE

WALSINGHAM RURAL DISTRICT.

Read at a Council Meeting held on
March 15th, 1911.

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WALSINGHAM
RURAL SANITARY DISTRICT.

VITAL STATISTICS FOR YEAR 1910.

Area of Rural Sanitary District 73,837 acres.

Estimated Population 17,500

Births.

	Males.		Females.		Total.
Legitimate	162	...	154	...	316
Illegitimate	16	...	9	...	25
					341

Birth-rate = 19·1 per 1,000 of the population.

Increase of Births over Deaths = 122.

Deaths.

Males.		Females.		Total.
112	...	107	...	219

Death-rate = 12·5 per 1,000 of the population.

Zymotic Death-rate = 0·46 per 1,000 of the population.

England and Wales: Rate for 1909: { Birth Rate ... 25·57 per 1,000. Death Rate ... 14·49 per 1,000.

Death-rate at and over 65 = 6·02 per 1,000 of the population.
,, from Cancer = 1·2.
,, ,, Tubercular Diseases = 1·08.
,, ,, Non-Tubercular Diseases of the Respiratory Organs = 1·2.
,, ,, Heart Diseases = 1·1.
Infantile Mortality = 73 per 1,000 Births.

Deaths according to Ages.

Under 1 year	25
From 1 to 5 years ...	17
,, 5 ,, 15 ,, ...	5
,, 15 ,, 25 ,, ...	5
,, 25 ,, 65 ,, ...	59
,, 65 and upwards ...	108
	219

The Principal Causes of Death.

Measles	7
Influenza	3
Phthisis	15
Other Tubercular Diseases	4
Cancer	21
Bronchitis	15
Pneumonia	13
Heart Diseases	20
Premature Birth	5
Accidents	9
Suicides	3
Cerebral Hemorrhage	19
Senile Decay	39
All other causes	46
	219

Causes of, and Ages at, Death during Year 1910.

Deaths at the subjoined ages of "Residents" whether occurring in or beyond the District :—

Causes of Death.	All Ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.
Measles	7	—	7	—	—	—	—
Epidemic Influenza	3	1	—	—	—	—	2
Diarrhœa	1	1	—	—	—	—	—
Enteritis	3	3	—	—	—	—	—
Phthisis (Pulmonary Tuberculosis)	15	—	1	1	2	10	1
Other Tuberculous Diseases	4	—	—	—	—	4	—
Cancer, Malignant Disease	21	—	—	—	—	11	10
Bronchitis	15	1	4	—	—	3	7
Pneumonia	13	6	2	—	—	2	3
Other Diseases of Respiratory Organs	4	—	—	—	—	2	2
Alcoholism Cirrhosis of Liver	1	—	—	—	—	1	—
Venereal Diseases	1	—	—	—	—	1	—
Premature Birth	5	5	—	—	—	—	—
Heart Diseases	20	—	—	—	—	5	15
Accidents	9	1	1	2	1	4	—
Suicides	3	—	—	—	—	3	—
Senile Decay	39	—	—	—	—	—	39
Cerebral Hemorrhage	19	—	—	—	—	4	15
Unknown	1	—	—	—	—	1	—
All other causes	35	7	2	2	2	8	14
All causes	219	25	17	5	5	59	108

Vital Statistics of Whole District during 1910 and Previous Years.

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.			
				Under 1 Year of Age.		At all Ages.	
		Number.	Rate.*	Number.	Rate per 1,000 Births registered.	Number.	Rate.*
1	2	3	4	5	6	7	8
1900.	17,346	452	26·05	52	115	281	16·1
1901.	17,117	445	25·7	46	104	242	14·1
1902.	17,117	426	24·8	38	89	250	14·6
1903.	17,117	403	23·5	28	69	195	11·3
1904.	17,117	431	25·1	50	116	222	12·8
1905.	17,117	411	24	35	85	221	12·9
1906.	17,307	397	23·1	35	88	204	11·8
1907.	17,500	387	22·1	46	119	222	12·6
1908.	17,500	361	20·6	31	87·9	208	11·8
1909.	17,500	360	20·6	27	75	232	13·2
Averages for Years 1900-1909.	17,243	407	23·4	38	93	227	13·3
1910.	17,500	341	19·1	25	73	219	12·5

* Rates in Columns 4 and 8 calculated per 1,000 of estimated population.

At Census of 1901 { Total Population at all Ages, 17,117. Number of Inhabited Houses, 3,890. Average Number of Persons per House, 4·4.

Vital Statistics of Separate Localities in 1910 and Previous Years.

Year.	FAKENHAM.			WALSINGHAM.			WELLS.		
	Population estimated to Middle of each Year.	Births Registered.	Deaths at all Ages.	Population estimated to Middle of each Year.	Births Registered.	Deaths at all Ages.	Population estimated to Middle of each Year.	Births Registered.	Deaths at all Ages.
1906	7,440	163	76	6,592	174	87	3,094	74	40
1907	7,440	159	86	6,592	167	102	3,094	63	34
1908	7,440	165	81	6,592	150	95	3,094	44	32
1909	7,440	146	104	6,592	162	101	3,094	52	27
1910	7,440	154	76	6,592	132	101	3,094	55	42

Deaths under 1 year in 1910 Fakenham, 12, Walsingham, 11. Wells, 2.

Cases of Infectious Disease notified during the Year 1910.

Notifiable Disease.	Cases Notified in whole District.							Total Cases notified in each Locality.		
	At all Ages.	At Ages—Years.								
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.	Fakenham District.	Walsingham District.	Wells District.
Diphtheria (including Membranous Croup)	15	—	5	7	1	2	—	11	—	4
Erysipelas	1	—	—	—	—	1	—	1	—	—
Scarlet Fever ...	6	—	—	4	2	—	—	4	1	1
Enteric Fever ...	8	—	—	2	3	3	—	5	—	3
Phthisis	3	—	—	1	2	—	—	3	—	—
Totals	33	—	5	14	8	6	—	24	1	8

Isolation Hospital: Name and Situation—Thursford.

Total Beds available = 2. Number of Diseases that can be concurrently treated = 1.

Infantile Mortality during the Year 1910.

Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	4-5 Months.	5-6 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
All Causes—Certified	5	3	—	—	8	4	5	2	—	1	1	1	3	25
Diarrhœa	—	—	—	—	...	1	—	—	—	—	—	—	—	1
Enteritis	—	—	—	—	...	—	2	—	—	—	1	—	—	3
Premature Birth	5	—	—	—	...	—	—	—	—	—	—	—	—	5
Congenital Defects	—	—	—	—	...	1	—	—	—	—	—	—	—	1
Atrophy, Debility, Marasmus ...	—	1	—	—	...	—	1	—	—	—	—	—	—	2
Rickets	—	—	—	—	...	—	—	—	—	—	—	—	1	1
Convulsions	—	—	—	—	...	—	1	—	—	—	—	—	—	1
Bronchitis	—	—	—	—	...	2	1	1	—	1	—	—	2	7
Suffocation, overlying	—	1	—	—	...	—	—	—	—	—	—	—	—	1
Other Causes	—	1	—	—	...	—	—	1	1	—	—	—	—	3

Population (estimated to middle of 1910) = 17,500.

Births in the year { Legitimate = 316. Illegitimate = 25.

Deaths in the year of { Legitimate Infants = 22. Illegitimate Infants = 3.

Deaths from all Causes at all Ages = 219.

Public Schools in the

Schools.	Ventilation.	Heating.	Sanitary Conveniences.
Blakeney	Modified Boyle	Open Grates	Ventilated Vaults
Sculthorpe	Modified Boyle	Open Grates	Pail System
Gunthorpe	Insufficient	Open Grates	Pail System
Field Dalling	Modified Boyle	Open Grates	Open Bin System
Hindringham	WindowVentilation	Stove	Pail System
Little Walsingham	Window	Grates.....	Moule's System
Old Walsingham ..	Boyle's	Grates.....	Vaults.....
Stiffkey	WindowVentilation	Grates.....	Vaults.....
Warham.....	Modified Boyle	Grates.....	Pail System
Thursford	WindowVentilation	Open Grates	Vaults.....
Langham	Modified Boyle	Open Grates	Closed Bin System
Great Snoring	Modified Boyle	Stove and Grate ..	Vaults.....
Stibbard	Modified Boyle	Open Grates	Improved Dry Pail System
Fuimodestone	Modified Boyle	Open Grates	Pail Closets
Little Snoring	WindowVentilation	Open Grates	Open Bin System
Melton Constable..	Boyle System	Open Grates	Water Closets
Holkham	Modified Boyle	Radiators giving out insufficient heat	Vaults.....
Fakenham Provided	Window	Open Grates	Pail System
,, Non-Provided	Window	Open Grates	Pail System
Shereford	Modified Boyle	Open Grates	Pail System
Tattersett	Modified Boyle	Open Grates	Neglected Vaults
Swanton Novers ..	Modified Boyle	Open Grates	Open Bin System
Brinton	Modified Boyle	Open Grates	Modified Bin System
Helhoughton.....	Modified Boyle	Open Grates	Pail System
West Raynham ..	Window	Open Grates	Pail System
Great Ryburgh....	Modified Boyle	Open Grates	Bin System
Wighton.....	Modified Boyle	Open Grates	Vaults.....
East Barsham	Modified Boyle	Open Grates	Improved Dry Pail System
Binham	Modified Boyle	Open Grates	Vaults and Pails

Walsingham Rural District.

Lavatory Accommodation.	Water Supply.	Playground	Remarks.
One Fixed Basin	Well on Premises	Large	
One Hand Basin	Well on Premises	Very small	Closet Accommodation insufficient, rather too near School.
One Hand Basin	Well on Premises	Ample	
Permanent Washing Basins	Well on Premises	Large	
None.....	None	Moderate ..	
One Basin	Disused Well ..	Small and shut in	
One Hand Basin	Condemned Well	Large	
None.....	None	Fair	
None.....	Well on Premises	Small	
None.....	Well close at hand	None.....	
Two Hand Basins.....	None	Large	Sanitary Arrangements very offensive.
One Hand Basin	Condemned Well	Fair size ..	
Two Fixed Basins.....	Well on Premises	Ample	
Two Fixed Basins.....	Well on Premises	Large	
One Hand Basin	Well on Premises	Fair size ..	Ventilation shaft of Dumb Well should be carried higher.
Ample	Constant Supply from Artesian Well	Large	
None.....	None	Large	Vaults too close to School Buildings.
None.....	None	Not worthy of name	Overcrowded; Closets too close to School.
None.....	Well on Premises	Fair	
Permanent Washing Basins	Well on Premises	Ample	
None.....	Well on Premises	Fair	Girls' Closets too close to School.
Permanent Washing Basins	Well on Premises	Large	Sanitary Arrangements too close to adjacent Cottagers, who complain of Smells.
Washing Sink.....	Well on Premises	Ample	
Washing Sink.....	Well on Premises	Fair	
None.....	None	Fair	
None.....	Well on Premises	Small	
One Hand Basin	Well on Premises	Ample	
Permanent Washing Basins	Well on Premises	Fair	
One Hand Basin	Well on Premises	Fair	

Infectious Diseases.

	Scarlet Fever.	Diphtheria.	Enteric.	Erysipelas.	Tuber-culosis.
Helhoughton ...	—	—	1	—	—
Melton Constable	1	2	3	—	—
Tattersett ...	—	1	—	—	—
Blakeney	1	—	—	—	—
Fakenham ...	—	—	—	1	—
Swanton Novers ...	—	4	—	—	—
Stiffkey	—	4	—	—	—
Great Ryburgh ...	—	4	—	—	—
Pensthorpe ...	2	—	—	—	—
Binham	—	—	2	—	—
Kettlestone ...	1	—	1	—	—
Walsingham ...	1	—	—	—	—
Egmere	—	—	1	—	—
Great Snoring ...	—	—	—	—	1
Hempton ...	—	—	—	—	2
	6	15	8	1	3

Total 33

REPORT.

Reviewing the vital statistics the Death-rate of 12·5 is slightly lower than last year, and 1 under the average of the last ten years.

The Birth-rate of 19·1 is lower than any that has hitherto been recorded; the number of illegitimate births this year being 25, compared with 36 last year.

The Infantile Mortality of 73 per 1,000 births is again slightly lower than the previous year, and is satisfactory; ten years ago the rate was 115 per 1,000 births.

The Death-rate from Tubercular Diseases is slightly higher than it has been for the last few years, namely 1·08; while the Death-rate from Cancer 1·2 is about the same as last year, but slightly above the average. With regard to any special Cancer location, I am at present investigating a series of cases that have occurred in a row of 4 cottages, 3 cases in 5 years, of different types, and no exception can be taken to the situation of the cottages, on high ground and gravelly soil.

The general health of the district, with the exception of the severe epidemic of measles, has again been good, the type of weather being the same as the past two years.

Zymotic Diseases were less prevalent than in previous years, 30 cases occurring in 14 different parishes, compared with 57 in 1909, 80 in 1908, and 58 in 1907; but on the other

hand nearly the whole of the district was affected by an epidemic of Measles, necessitating the closure of many schools, and leading to the death of 7 children from intercurrent bronchial effections, between the ages of 1—5 years; an approximate rate of 1 per cent.

Scarlet Fever occurred in five parishes, was of a very mild type, and the number of cases is very much lower than any previous year.

Enteric Fever.—Eight cases in five parishes; in two cases there seemed to be a definite history of infection by shell fish, in the others the water obtained from shallow wells has been found to be polluted.

Diphtheria furnished the largest number of notified cases, 15 in five parishes. An opportunity of testing the working of a small cottage isolation hospital in conjunction with an outbreak occurred at Swanton Novers, in February, 4 cases occurring in a house (3 bedrooms, 2 parents, 8 children) in the centre of the village, were removed to a six-roomed cottage situated well away from the village, and placed at the disposal of the Rural District Council by the kindness of Lord Hastings; two "Carrier" cases from Stiffkey were also brought over from Stiffkey; these cases, all of a mild type, were placed under the charge of a nurse, and remained there from February 6th to April 15th, 1910. The expenditure incurred in thus treating six patients for 59 days worked out as under:

	£	s.	d.
Nursing	19	18	7
Maintenance	21	2	11
Coals	2	12	3
Conveyances	4	19	0
Assistance	1	15	0
Labour	6	2	0
Furniture	11	17	1½
Disinfectants	3	15	6
Repairs	1	0	10
	£73	3	9½

Allowing £12 expended on furniture, which was disinfected and stored for future use, this works out at about £1 5s. per head per week.

The school was not closed, and no further case occurred in the village.

Prophylactic injections were given to the remaining children in the infected house.

The result was satisfactory in confining the outbreak entirely to the original centre, and I do not think that the expenditure involved was at all excessive.

Methods of dealing with Infectious Diseases.—On receipt of notification the house is visited by the Medical Officer of Health and Sanitary Inspector. Disinfectants are supplied and instructions given for the isolation of the patient, if practicable. Schools are visited, absentees during the past week are visited, and enquiry made as to the reason for non-attendance, and during the following week contacts kept under observation.

A card is furnished to the doctor in attendance, who notifies the Sanitary Inspector when the house is ready for disinfection, which is accomplished by Formic Aldehyde gas, and the walls sprayed by the same disinfectant.

Any article of clothing or bedding which cannot be disinfected are destroyed and the owner compensated.

The Council now defray the cost of Anti-toxin in all necessitous cases.

All Diphtheria cases are verified by swabbing, and none are allowed free from isolation until a negative swab is obtained; contacts are also swabbed to discover "carriers."

The system organized by the School Medical Officer of Health, by which the Medical Officer of Health is advised by the Teacher of suspicious cases of Infectious Diseases amon

the scholars, should, if efficiently carried out, be of great help in obtaining early information and controlling an outbreak from its start.

Vaccination.—

NUMBER OF VACCINATION EXEMPTIONS.

District.	1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.	1909.	1910.	Av'r'ge.
Fakenham ..	13	15	8	5	13	20	19	49	38	63	24·3
Walsingham ..	22	24	25	18	15	18	19	31	26	30	22·2
Wells	4	—	—	5	4	3	4	26	27	35	7·8
	39	39	33	28	32	41	42	106	91	128	

From the foregoing table it will be seen that the number of exemptions from Vaccination is higher this year than it ever has been before, and that we are rapidly becoming a badly Vaccinated District, with possible disastrous results on the importation of a case of Small Pox.

Tuberculosis.—Only three pauper cases have been notified; in cases where death has occurred, in some cases not notified, the Sanitary Inspector has disinfected the rooms. It would be of great advantage if medical men in the district were to notify the occurrence of a death from Tuberculosis in their practise, so that disinfection might be given in every case.

Systematic Inspection of the District has been carried out during the year.

Cow Sheds and Dairies have been visited and inspected during the year; the ventilation and drainage of the sheds are satisfactory; the cows all appear to be healthy and no disease has been traceable to the milk supply in the district. I think it would be more satisfactory if the Council were to appoint a Veterinary Surgeon, who would periodically inspect and report on the cows.

Sewerage and Drainage.—The main sewers in the various parishes have been examined and repaired when necessary.

Two hundred yards of new sewers have been laid, and 59 re-laid in the following parishes :—

Blakeney	10 yards.	
Stiffkey	140 „	
Walsingham	14 „	relaid.
Langham	50 „	
Field Dalling	45 „	relaid.
Fakenham	25 „	and 2 settling tanks.
Hempton	1 collecting tank.	

The appointment of a scavenger in the village of Stiffkey has worked very satisfactorily during the year, and a larger cart has had to be purchased to cope with the increased demand for his services. In this village 10 houses have been connected with the sewer, 6 new closets built, 28 privy vaults converted to pails, 14 pail closets provided with impervious floors and new pails, and 48 portable ashbins provided, taking the place of the old privy middens.

A scavenger has also been appointed in Blakeney. This appointment, I regret to say, has not met with the approval of the parish, but I would point out that the following advantages are gained :—

(1) The abolition of the numerous privy middens and vaults, some of them in very close proximity to the wells.

(2) Their replacement by the pail system, with regular removal by the scavenger.

(3) The systematic removal of accumulations of house refuse, which invariably takes place when left to individual effort.

In a parish like Blakeney, attracting as it does an increasing number of visitors each summer, I think that every effort should be made to maintain the surroundings in as sanitary condition as possible.

The engineer's plans for the sewerage disposal at Fakenham are now completed, and a provisional agreement has been signed for the purchase of 20 acres of land suitable for a sewage farm, situated on the north side of the Creake road.

A new scavenging contract has been concluded for the town of Fakenham at a cost of £132 per annum. The population being about 3,000. There are :—

Pail Closets	640
Slop Water Closets	34
Privy Closets	6
Water Closets	10
Cesspools or Dumb Wells and overflow pipe to sewer	70

A sewerage disposal, on the tank system, has been installed at the Workhouse at a cost of £300, and is giving a satisfactory effluent.

Melton Sewage Works.—Filter No. 2 has now been remodelled on the same lines as No. 1 at a cost of £56, bringing the works up to date, and in consequence a much purer effluent.

Nuisances.—In dealing with 574 nuisances no legal proceedings have been necessary.

Water Supply.—The water supply of the district is almost exclusively derived from surface wells of varying depth, the majority being not more than 18 feet in depth. Thirty-two samples have been analysed during the year, and 12 found contaminated ; these wells were cleaned out and any structural defect made good, and the water passed on subsequent analysis.

The public water supply of Fakenham still remains under consideration.

River Pollution.—The pollution of the River Wensum at Fakenham will still continue until the sewage scheme is

completed. The untreated sewage from Stiffkey runs into the river, but at a point very close to the sea with no dwelling houses intervening.

There are no common lodging houses in the district. Bye-laws framed to control and supervise the erection of new buildings have been in force since June, 1908.

Twenty plans of new buildings have been submitted and approved.

A large amount of work has devolved upon the Sanitary Inspector during the year, and all his duties have been performed in a thoroughly efficient manner. An office has been opened by him in Oak Street, Fakenham, which will be very convenient for the storage of plans and other records.

The following schools were closed during the year on account of measles:—

Fakenham	February 28th	to	April 19th.
Sculthorpe	April 4th	,,	April 25th.
Little Walsingham ..	April 4th	,,	April 25th.
Great Walsingham ..	April 11th	,,	May 2nd.
Little Snoring	April 18th	,,	May 5th.
Great Snoring	April 29th	,,	May 16th.
Thursford	May 2nd	,,	May 30th.
East Barsham	April 18th	,,	May 5th.
Wighton	April 23rd	,,	May 16th.
Binham	July 4th	,,	July 8th.
Blakeney	May 25th	,,	June 6th.

I have during the year made an inspection of most of the schools, and find that the sanitary condition in the majority of the schools is satisfactory. Excepting in a few instances, the schools are well situated and the playgrounds large; ventilation, in most cases, is effective, but in some the roof extractors are not properly attended to; there is very deficient washing accommodation, and in no case is arrangement made for drying clothes and wet boots and stockings.

Lighting in nearly all the schools is good, and heating adequate, except in one school. Sanitary convenience vary between old privy vaults, pails, and open and closed bin systems. The vaults at Holkham are much too close to the premises, and should be abolished, and also the very offensive bin at Langham.

Water Supply.—There is no well at eight of the schools, and children have, if thirsty, to ask for water at neighbouring cottages.

I understand that new schools will shortly be commenced at Walsingham and Fakenham, in the latter case they are urgently needed.

Under section 17 of the Housing and Town Planning Act, 1909, it will be necessary "for the local authority to designate an officer, acting under the supervision of the Medical Officer of Health, to make an inspection of the dwelling houses in the district and to keep a record of the same." In the ordinary routine of work, this duty should be undertaken by the sanitary inspector, and it will involve a very considerable increase of work and time, and this should be taken into consideration when making the appointment.

Housing Accommodation.—As I reported last year, the principal difficulty is to provide the labourer with a large family with sufficient accommodation; in addition, there is in certain parts of the district, notably in the villages round Fakenham, Melton Constable, and Great Ryburgh, a definite scarcity of cottages; the cottages that exist are in a number of instances occupied by old people past work. I have no doubt that more marriages would take place, with consequent increase in the rural population, if additional cottage accommodation were provided in these districts.

The principal defects existing among the older cottages in the district are dampness, due to defective roofs and absence

of water troughing, and through ventilation. However, I will defer a general criticism of the housing accommodation in the district until next year, when I shall have completed a number of inspections under the new act.

Under the Housing of the Working Classes Act, 1909, nine cottages in the village of Stiffkey reported as unfit for human habitation have been dealt with; seven have been put in a habitable condition, and two are not yet completed.

Supervised Premises.—The slaughter houses (105 in number) have all been visited in the course of the inspector's work, and are clean and well kept. No carcases have been found to be tuberculous. The Sanitary Inspector does not hold a special certificate in meat inspection.

The Notification of Births Act has not been adopted in the district.

Existing factories are the same as last year, and have all been inspected and found in a satisfactory sanitary condition.

Appended are details of visits paid to workshops and work places.

W. H. FISHER,

Medical Officer of Health.

Annual Report of the Medical Officer of Health for the year 1910, on the administration of the Factory and Workshop Act, 1901, in connection with

FACTORIES, WORKSHOPS, WORKPLACES AND HOMEWORK.

1.—INSPECTION.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises. (1)	Number of		
	Inspections. (2)	Writt'n Notices (3)	Prosecutions. (4)
Factories (Including Factory Laundries)	12	4	—
Workshops (Including Workshop Laundries)	104	22	—
Workplaces (Other than Outworkers' premises included in Part 3 of this Report)	104	6	—
TOTAL..	220	32	—

2.—DEFECTS FOUND.

Particulars. (1)	Number of Defects.			Number of Prosecutions. (5)
	Found. (2)	Remedied. (3)	Referred to H.M. Inspector. (4)	
*Nuisances under the Public Health Acts—**				
Want of Cleanliness	4	4	—	—
Want of Ventilation	—	—	—	—
Over-crowding	—	—	—	—
Want of Drainage of floors	—	—	—	—
Other Nuisances	26	26	—	—
Sanitary accommodation — insufficient	—	—	—	—
Sanitary accommodation — unsuitable or defective	—	—	—	—
Sanitary accommodation — not separate for sexes	—	—	—	—
Offences under the Factory and Workshop Act—				
Illegal occupation of underground bakehouse (s. 101)	—	—	—	—
Breach of special sanitary requirements for bakehouses (ss. 97 to 100)	—	—	—	—
Other Offences (Excluding offences relating to outwork which are included in Part 3 of this report)				
TOTAL	30	30	—	—

* Including those specified in sections 2, 3, 7 and 8, of the Factory and Workshop Act as remediable under the Public Health Acts.

3.—HOME WORK.

MAKING, &c. WEARING APPAREL.

Lists received from Employers sending twice in the Year	4
,, ,, ,, ,, Outworkers (Workmen)	6
Notice served on Occupiers as to keeping or sending Lists	6
Inspections of Outworkers' Premises	18

4.—REGISTERED WORKSHOPS.

WORKSHOPS ON THE REGISTER AT THE END OF THE YEAR.

Bakehouses	33	Carpenters	5
Dressmaking	17	Machinists	3
Millinery	3	Coachbuilders	2
Laundries	3	Cyclebuilders	3
Smiths	18	Firewood Cutting	1
Tailors	10	Printers	3
Bootmakers	8	Millers	3
Builders	4	Mineral Water Factories ..	1
Brickmakers	3	Fellmongers	1
Saddlers	5	Foundries	2
Plumbers	2	Breweries	2

Total number of Workshops on Register 132

5.—OTHER MATTERS.

UNDERGROUND BAKEHOUSES in use at the end of the year .. 0

W. H. FISHER,

22ND FEBRUARY, 1911. *Medical Officer of Health.*

ANNUAL REPORT

OF THE

SANITARY AND BUILDING INSPECTOR.

Herewith I have much pleasure in placing before you my Fourth Annual Report of the work done in the administration of the Public Health Act, 1875, and other Acts, together with the Council's Bye-laws, with respect to slaughter-houses, tents, vans and sheds, new buildings, etc.

In the abatement of Nuisances, enquiries into cases of infectious diseases, and in the general discharge of the duties devolving upon this office, much useful work has been carried out. Two hundred and thirty-eight preliminary, and forty-nine statutory notices have been served for various reasons. Legal proceedings for the enforcement of the Council's authority under the Housing and Town Planning Act, 1909, were taken with reference to property at Stiffkey.

Thirty-three cases of infectious diseases were notified to me by the Medical Officer of Health, and necessitated 287 visits for the purpose of making enquiries with a view to ascertaining the cause of the disease, to see that isolation of the patients was maintained through the period of infection, to give advice or caution so as to prevent the spread of the disease, and to make an inspection of the sanitary condition of the premises; and when certified free from infection by the medical attendant, attention is paid to the disinfection of the bedding, clothing, and various apartments in the dwelling, also to the cleansing and stripping of the walls where necessary.

The management of the Isolation Cottage at Stiffkey and Swanton Novers increased my work considerably, and necessitated almost daily visits during the time they were occupied. A thorough cleansing and disinfection was afterwards carried out.

Disinfection of Premises and Bedding.

Disinfection of premises and bedding is carried out by the application of Formic Aldehyde, and in this way 154 rooms in 40 houses, including the lying-in ward at the Workhouse, have been disinfected.

Reports to Medical Officer of Health.

All information obtained is submitted to the Medical Officer of Health, and the matters contained therein dealt with according to his instructions.

Cases of Phthisis and Cancer.

The fatal cases of Phthisis and Cancer occurring in the district are reported to me, the houses are subsequently visited, and the arrangements made for the special disinfection of the rooms which have been occupied by the patients.

Compensation.

Clothing and bedding have been destroyed in two instances by order of the Medical Officer of Health, and compensation to the value of 18s. 6d. paid to the owners.

Disinfectants.

Disinfectants and soap are supplied free during the period of isolation.

Public Elementary Schools.

In the course of my village inspections the sanitary conveniences and drains are frequently inspected.

Village Scavenging.

The systematic collection of house refuse in the parishes of Fakenham, Hempton, Walsingham, Stiffkey, and Blakeney is being carried out under my supervision. With the advent of the Village Scavenger is seen the abolition of a great number of privies and ash-pits, and the adoption of the less objectionable pail closets and portable ashbin.

During the year under observation, 50 pail closets have taken the place of 45 insanitary privy midden closets; and four built ashbins, and 62 portable bins have been provided for house refuse.

Complaints.

Thirty-two complaints have been received by letters, which, on investigation, were found principally to relate to

closets, defective drainage, and overcrowding, and the necessary steps in each case were taken to remove the cause of complaint.

Two hundred and thirty-eight preliminary and 49 statutory notices have been served for the abatement of 742 nuisances and other causes, and in the supervision of the work required in the before-mentioned notices I estimate that over 2,000 visits have been made.

Petroleum Stores.

Eleven stores are now licensed by the Council, being an addition of one over the number under observation last year.

Drains.

During the year 48 houses have been connected up to the Council's sewers in various parts of the district. Twenty-four premises have been examined and the smoke test applied in eight instances, and it was found necessary to reconstruct the drains in four instances.

Drain Tests.

The hydraulic test is applied to all new systems of drains, and the smoke to existing drains only, and in this way many defects have been revealed which were impossible to observe from a superficial inspection.

Piped Sewers.

Repairs and extensions of piped sewers have kept me busy during the year, the most important of which are Stiffkey and Langham.

At Little Walsingham, owing to the very shallow depth of the existing sewers, continual repairs have to be made on account of their being broken in by heavy traffic.

The open sewer drains, which are cleansed and mudded out twice during the year, are as follows :—

Fakenham	..	2,040	yards	..	6	collecting	tanks	for solids.
Sculthorpe	..	565	,,	..	2	,,	,,	,,
Tatterford	..	250	,,					
Hempton	..	310	,,	..	1	,,	,,	,,
Helhoughton	..	637	,,					
Field Dalling	..	975	,,					
Ryburgh	..	120	,,					
Wighton	..	150	,,					

In addition to the above work, many minor improvements, repairs, and slight reconstructions are always being required.

Special Inspections, House to House.

House to house inspections were made at Binham, and the several defects found existing in the properties were notified to the owners, who had the necessary work specified carried out.

Water Supply.

Improved water supplies have been carried out, and the wells cleansed and repaired.

Cowsheds and Dairies.

Inspections of these premises have been made from time to time during the year. Lime-washing and cleansing is regularly carried out.

Factories and Workshops.

These premises are inspected from time to time as opportunity permits. Verbal notices are all that is required in many instances to have the necessary cleansings carried out.

Slaughter Houses, Knackers' Yards, Fellmongers.

These premises have been regularly inspected, the removal of garbage and the lime-washing of the premises have been insisted upon.

BUILDING SURVEYOR'S REPORT ON BUILDINGS, &c.

Parish.	Plans.	Houses.	Public Buildings	Factories, Workshops, &c.	Alterations, Additions and various.		Totals
						Schools.	
Fakenham	10	—	2	1	5	1	9
Blakeney	2	2	—	—	—	—	2
Walsingham ..	4	—	1	—	1	1	3
Stibbard	2	2	—	—	—	—	2
Thursford	2	1	—	—	—	—	1
Melton Constable	1	—	1	—	—	—	1
Stiffkey	1	—	—	—	1	—	1
East Barsham ..	3	—	—	—	—	1	1
Totals	25	5	4	1	7	3	20

TABULATED REPORT AND SUMMARY OF WORK SENT IN TO COUNTY MEDICAL OFFICER OF HEALTH.

Population		17,500
Complaints received		32
Nuisances detected without complaint		574
Nuisances abated		560
Notices served	Preliminary 238, Legal	49
Summonses taken out		9
Convictions	Time Extended	
Cottages inspected		432
Slaughter-houses inspected	(62 visits)	12
Bakehouses inspected	(50 ,,)	32
Dairies and Milkshops inspected	(140 ,,)	65
Cowsheds inspected		75
Workshops inspected	(150 ,,)	139
Filthy houses cleansed (including floors and bedding)		4
Houses disinfected	(rooms 154)	40
Overcrowding abated		9
Houses placed in habitable repair		58
Houses closed		9
Houses erected or rebuilt for which water certificates sought		4
Certificates granted		4
Certificates deferred		0
Wells sunk and improved supplies of water		36
Wells cleansed or repaired		18
Wells closed		2
Houses connected with sewer		5
Earth, pail or improved closets		50
Privies and w.c.'s repaired		28
W.c.'s supplied with water		6
Cisterns cleansed, repaired or covered		2
Animals improperly kept		9
Samples of water for analysis		32

Compensation paid for destruction of bedding, etc., £0 18s. 6d.

JOHN LEWIS,

Cert. { *Roy. San. Inst.*
Inst. San. Engineers.